

STANDARD FORM NO. 64

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Office Memorandum • UNITED STATES GOVERNMENT

TO : The Files

DATE: 2 April 1957

FROM :

25X1

SUBJECT: Contract RD-91, Marine Crystal Video

1. On Monday, 25 March 1957, I called Corporation to determine status of the rework on the Marine Video System.

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2. states that they are approximately six hours behind schedule. However, these following points have been done:

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- (a) The cabling and wiring in the console has been completely stripped out. Rework is now going on, and the console is approximately half rewired.
- (b) The wiring in the antenna structure has been stripped out. The new wiring is approximately three-quarters complete. All 750 kc and 4 mc pre-amplifiers have been checked out. On approximately half of ^{the} boards, partially broken resistors were found. These have been replaced, and eighteen of the pre-amplifiers have been tested. Work has not yet started on the 12 mc preamps.
- (c) Completely new combining boards have been built and tested.
- (d) All deflection boards have been built, but not tested. Testing is expected to start before noon today.
- (e) The blocking oscillator for the calibration circuit has been built, but not tested.
- (f) An amplifier for checking the noise output of the crystals has been built. This unit will be used with the 9th plug-in unit for calibration purposes.
- (g) The CRT coupling boards have been built but not tested.

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- (h) A new battery case has been built for the three extra battery units required. The cover on the original case has been reworked.
- (i) All CRT indicator units have been rewired.
- (j) Inter-connecting cables between the battery and the console and between the console and antenna are being reworked.

3. I asked [] about parts. He states that all necessary component items required are currently on hand. Mr. [] wanted to know what we intend to do with bands 1 and 2. I stated that in the present configuration, it is not expected that the low band antennas will be utilized. Therefore, the cables coming from the base of the radome may be removed and the ports closed up. I asked, however, that such holes not be welded shut as at a later date it is expected we may modify the installation and make use of the bands 1 and 2.

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